

In the claims:

1. (Currently Amended) A device for tissue handling, comprising:
a structure, configured for receiving and holding a tissue specimen, wherein the tissue specimen includes tissue positional references; and

device positional references, associated with the structure, for fixing the orientation of the tissue specimen, when held by the device, so as to reflect the tissue specimen positional references and wherein the structure is a first outline frame designed to receive and hold the tissue specimen therebetween, the structure further having at least one holder, for holding the first outline frame with the tissue specimen, the structure forming six faces, in a manner allowing a clear approach to each of said six faces to enter for manipulation of said tissue specimen, and fixing the orientation of the tissue specimen.

2. (Original) The device of claim 1, configured to define tissue lateral and superior sides and a tissue top face.

3. (Original) The device of claim 1, wherein the device is substantially transparent to at least one imaging modality, selected from the group consisting of x-ray imaging gamma imaging, and MRI.

4. (Original) The device of claim 1, configured to receive the tissue specimen prior to its complete removal.

5. (Original) The device of claim 1, wherein the device positional references are built into the structure of the device.

6. (Original) The device of claim 1, wherein the device positional references are based on a color code.

7. (Original) The device of claim 1, wherein the device positional references are based on sutures of different lengths.

8. (Original) The device of claim 1, formed as a rigid body.

9. (Original) The device of claim 1, formed as a flexible body.

10. (Original) The device of claim 1, formed as a stretchable body.

11. (Original) The device of claim 1, formed as an expansible body.

12 - 13. (Cancelled)

14. (Original) The device of claim 1, wherein the device is formed as a resilient cage.

15. (Previously Presented) The device of claim 1, wherein said first frame is formed as a box outline, comprising:

a box outline body;

a box outline lid; and

at least one holder, for holding together the box outline body and lid.

16. (Previously Presented) The device of claim 1, wherein the structure further comprises:

a second frame, said first and second frames, designed to be superimposed and receive and hold the tissue specimen therebetween; and wherein said at least one holder is further configured for holding the first and second frames together, with the tissue specimen sandwiched therebetween, thus fixing the orientation of the tissue specimen.

17. (Previously Presented) The device of claim 15, and wherein the at least one holder is a surgical latex band.

18. (Previously Presented) The device of claim 15, and further including a lining.

19. (Previously Presented) The device of claim 15, and further including a grid.

20. (Original) The device of claim 1, configured for applying a force of less than 500 gram on the tissue specimen.

21. (Original) The device of claim 1, configured for applying a force of between 20 and 200 gram on the tissue specimen.

22. (Original) The device of claim 1, and further including handles for holding the device.

23. (Original) The device of claim 1, provided in a plurality of sizes.

24. (Currently Amended) A method for tissue transport and handling, comprising:

providing a device, which comprises:

a structure, configured for receiving and holding a tissue specimen, wherein the tissue specimen includes tissue positional references, wherein the structure is a first outline frame, designed to receive and hold the tissue specimen, further having:

at least one holder, for holding the first outline frame with the tissue specimen, said holding providing said structure with six faces, and fixing the orientation of the tissue specimen in a manner allowing a clear approach to each of said six faces to enter for manipulation of said specimen; and

device positional references, associated with the structure, for fixing the orientation of the tissue specimen, when held by the device;

the method further comprising

positioning the tissue specimen within the device, so as to reflect the tissue specimen positional references by the device positional references.

25. (Original) The method of claim 24, and further including maintaining the tissue specimen immobile, in the device.

26. (Original) The method of claim 24, wherein the device is configured to define tissue lateral and superior sides and a tissue top face.

27. (Original) The method of claim 24, wherein the device is substantially transparent to at least one imaging modality, selected from the group consisting of x-ray imaging gamma imaging, and MRI.

28. (Original) The method of claim 24, wherein the device is configured to receive the tissue specimen prior to its complete removal.

29. (Original) The method of claim 24, wherein the device positional references are built into the structure of the method.

30. (Original) The method of claim 24, wherein the device positional references are based on a color code.

31. (Original) The method of claim 24, wherein the device positional references are based on sutures of different lengths.

32. (Original) The method of claim 24, wherein the device is formed as a rigid body.

33. (Original) The method of claim 24, wherein the device is formed as a flexible body.

34. (Original) The method of claim 24, wherein the device is formed as a stretchable body.

35. (Original) The method of claim 24, wherein the device is formed as an expansible body.

36 - 37. (Cancelled)

38. (Original) The method of claim 24, wherein the device is formed as a resilient cage.

39. (Currently Amended) The method of claim 24, wherein said first frame is formed as box outline, the outline comprising:

a box outline body;

a box outline lid; and

at least one holder, for holding together the box outline body and lid.

40. (Previously Presented) The method of claim 24, wherein the structure comprises a second frame, the first and second frames, designed to be superimposed and receive and hold the tissue specimen therebetween; and wherein said at least one holder is further configured for holding the first and second frames together, with the tissue specimen sandwiched therebetween, thus fixing the orientation of the tissue specimen.

41. (Previously Presented) The method of claim 39, and wherein the at least one holder is a surgical latex band.

42. (Previously Presented) The method of claim 39, wherein the device further includes a lining.

43. (Previously Presented) The method of claim 39, wherein the device further includes a grid.

44. (Original) The method of claim 24, and further including applying a force of less than 500 gram on the tissue specimen.

45. (Original) The method of claim 24, and further including applying a force of between 20 and 200 gram on the tissue specimen.

46. (Previously Presented) The device of claim 16, and wherein the at least one holder is a surgical latex band.

47. (Previously Presented) The device of claim 16, and further including a lining.

48. (Previously Presented) The device of claim 16, and further including a grid.

49. (Previously Presented) The method of claim 40, and wherein the at least one holder is a surgical latex band.

50. (Previously Presented) The method of claim 40, wherein the device further includes a lining.

51. (Previously Presented) The method of claim 40, wherein the device further includes a grid.